Statistical Modelling W6 103 Vi~ Wei (p, x) $f(t_i) = P(t_i)^{p-1} \exp[-(t_i)^p]$ (a) S. (ti) = 1- F(ti) Fti) = Stiti) doi- [Tip (ti) -1 exp[-(ti)] $= \frac{1}{x^{p}} \int_{-\infty}^{\infty} \frac{1}{x^{p}} \frac{1}{x^{p}} \int_{-\infty}^{\infty} \frac{1}{x^{p}} \frac{1}{x^{p}} \frac{1}{x^{p}} \int_{-\infty}^{\infty} \frac{1}{x^{p}} \frac{1}{$ $z - \int_{-\infty}^{\infty} \exp(-\left(\frac{t_1}{x^n}\right)^p)$ $-41-\exp\left[-\left(\frac{\text{Ii}}{x}\right)^{p}\right]$ => S(ti) = 1- F(ti) = exp[-(ti)] (B). h(til)= = 2 log ((ti)) $-= 2.log(exp(-\frac{ti}{x})^p)$ 一一一个人 l (ti) = P(to) P-1